

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

**Course Outline**

Course Title: Science Internship

Semester Course Prefix and Number: BIOL 2315  
CHEM 2315

Submitted By: K. Giermann  
Approval Date: December 2006

Old Quarter Course Prefix and Number:

Revision Date:

Number of Credits: 1-4

Semester(s) Offered:

Class Size:

Negotiated by AASC on  
(Date)\_\_\_

Number of Lecture Credits:

Number of Lab Credits: Number of Lab Hours:

Number of Studio/Demonstration/Internship Credits:1-4

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**Course Purpose Code:**

- 0 – Developmental Courses
- 1 – Non-transferable, General Education
- 2 – Technical course related to career programs
- 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
- 4 – Other college course not considered a part of general education (MNTC) e.g. computer science, health, physical education
- 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements.
- 9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

**Catalog Description:**

This course offers the student an opportunity to apply the principles and skills learned in the classroom to gain practical experience in an on-the job training opportunity. Students will need to apply for positions through the instructor and most job opportunities will be during the summer.

**Prerequisites and/or recommended entry skills/knowledge:**

Course Prerequisite(s): Biol 1551, Chem 1522  
Reading Prerequisite: College-level  
Composition Prerequisite:  
Mathematics Prerequisite: College algebra or higher

**Career Programs and Transfer Majors Accessing this Course:**

Only intended to provide science learning opportunities otherwise not available

**Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:** Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer's approval are required).

- 0.  None
- 1.  Communications
- 2.  Critical Thinking
- 3.  Natural Sciences
- 4.  Mathematical/Logical Reasoning
- 5.  History and the Social and Behavioral Sciences
- 6.  The Humanities and Fine Arts
- 7.  Human Diversity
- 8.  Global Perspectives
- 9.  Ethical and Civic Responsibility
- 10.  People and the Environment

**Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:**

Extremely variable depending on if it is designed to expose students to a wide range of activities within a science field or provide a hands-on project or job. Either way the student will:

- Discuss his/her on the job training experience
- Transfer the skills learned on the classroom to various situations in a science setting
- Gain additional confidence in handling science procedures

**Student assessment methods:**

Required meeting with instructor prior to start date usually in the spring  
A mid-term evaluation from the on-the job supervisor  
A mid-term meeting with the instructor  
A final evaluation from the supervisor and instructor  
A power point presentation upon completion to science instructors and students  
Completion of hours and tasks agreed upon prior to start of internship

**Use of instructional technology** (includes software, interactive video and other instructional technologies):

**Outline of the major course content:**

The student will acquire on-the-job training experience in a science setting. He/she must work a minimum of 60 hours per credit.

**Additional special information** (special fees, directives on hazardous materials, etc.)

**Transfer Information:** (Please list colleges/majors that accept this course in transfer.)  
This course will transfer as elective credits.

**Approvals:**

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

Distribution: Original – Administrative Office  
Copies: Curriculum Committee Chair, Learning Center, Library, Originating Faculty Member, Records, Student Services, Scheduler, Transfer Specialist  
Revised February 10, 2004